



US00D433755S

# United States Patent [19]

Mastrototaro et al.

[11] Patent Number: **Des. 433,755**

[45] Date of Patent: **\*\* Nov. 14, 2000**

[54] **GLUCOSE SENSOR**

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[73] Assignee: **MiniMed Inc.**, Sylmar, Calif.

[\*\*] Term: **14 Years**

[21] Appl. No.: **29/101,218**

[22] Filed: **Feb. 25, 1999**

[51] **LOC (7) Cl.** ..... **24-01**

[52] **U.S. Cl.** ..... **D24/187**

[58] **Field of Search** ..... D24/187; 600/347,  
600/372-384; 204/403, 402; 435/287.9,  
288, 291, 817

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 232,590	8/1974	Moore et al. ....	D24/187
4,736,752	4/1988	Munck et al. ....	607/152
4,927,516	5/1990	Yamaguchi et al. ....	204/403
5,082,786	1/1992	Nakamoto ....	204/403
5,387,327	2/1995	Khan ....	204/403
5,391,250	2/1995	Cheney, II et al. .	

5,437,999	8/1995	Diebold et al. ....	435/287.9
5,601,694	2/1997	Maley et al. ....	204/415
5,628,890	5/1997	Carter et al. ....	204/403
5,798,031	8/1998	Charlton et al. ....	5/81

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*Attorney, Agent, or Firm*—MiniMed Inc.

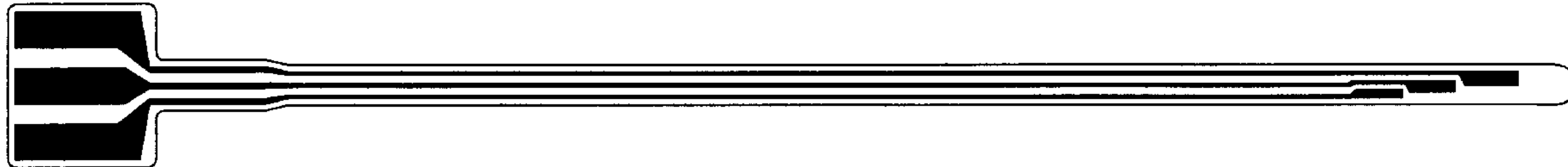
[57] **CLAIM**

The ornamental design for a glucose sensor, as shown and described.

**DESCRIPTION**

FIG. 1 is a top view of a blood glucose sensor, showing our new design;  
 FIG. 2 is a bottom view thereof;  
 FIG. 3 is a rear end view thereof;  
 FIG. 4 is a front end view thereof;  
 FIG. 5 is a right side view thereof, the left side view being a mirror image thereof;  
 FIG. 6 is a top view of an alternate embodiment of the glucose sensor shown in FIG. 1, with the only difference residing in the end portion being squared off; and,  
 FIG. 7 is a top view of another alternate embodiment of the glucose sensor shown in FIG. 1, with the only difference residing in the end portion being angled.

**1 Claim, 2 Drawing Sheets**



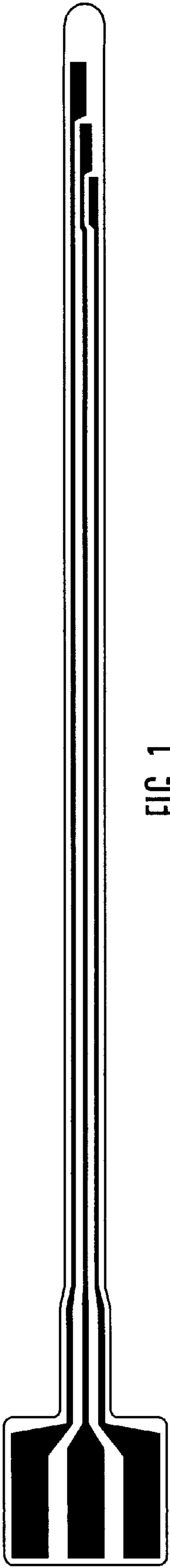


FIG. 1

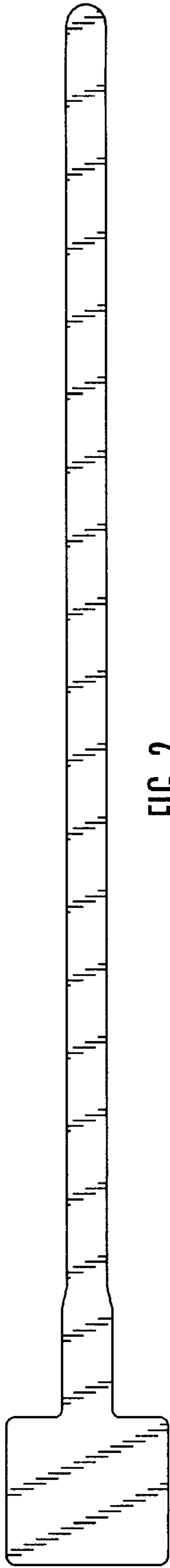


FIG. 2

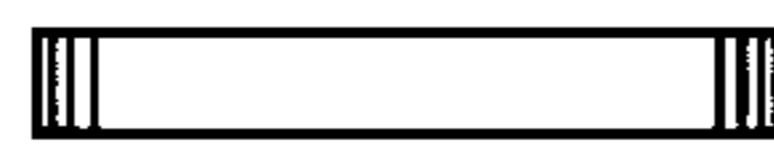


FIG. 3



FIG. 4



FIG. 5

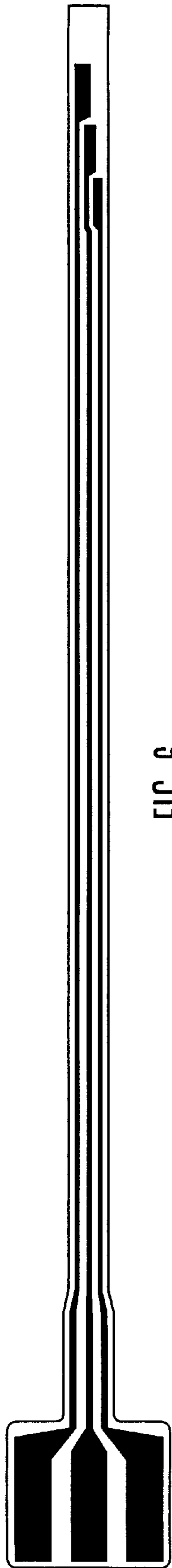


FIG. 6



FIG. 7